

SEVENTY-SIXTH  
ANNUAL REPORT

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MECHANICS'  
INSTITUTE

SAN FRANCISCO  
CALIFORNIA

NINETEEN HUNDRED  
THIRTY-ONE





MECHANICS' INSTITUTE

OFFICERS

BOARD OF TRUSTEES

Year Ending February 28, 1931

## Seventy-sixth Annual Report

of the

# MECHANICS' INSTITUTE

for the

Year Ending February 28, 1931



## MECHANICS' INSTITUTE OFFICERS

### BOARD OF TRUSTEES

Year Ending February 28, 1931

OTTO VON GELDERN.....President  
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### Mechanics'-Mercantile Library

Librarian.....FRANCIS B. GRAVES  
Assistant Librarian.....MARY O. CARMODY  
Cataloguer.....ALICE V. WRIGHT  
Chief, Circulation Department.....HELEN D. BRYANT

#### Assistants

MARJORIE O'SHEA	JOHN C. STUMP
OTTO MILLER	GRACE D. PATTERSON
IONE M. DIXON	ROSE M. O'TOOLE

#### Evening Assistants

WILLIAM McNAUGHT      CECILIA DONOGHUE

## MECHANICS' INSTITUTE

### Mechanics'-Mercantile Library

#### Mechanics' Institute Chess and Checker Club

57 Post Street

San Francisco, California

The Library now contains nearly one hundred and fifteen thousand volumes.

Special attention is given to the division of technology.

Over five hundred periodicals and newspapers are on file.

A chess and checker room is maintained, where smoking is permitted.

Lecture courses are held each season.

Library open daily, 9:00 A. M. to 10:00 P. M.

Sunday and Holidays, 1:00 P. M. to 5:00 P. M.

Chess room, daily, 9:00 A. M. to 10:00 P. M.

#### TERMS OF MEMBERSHIP

Entrance Fee .....\$ 1.00

Half-yearly Dues (in advance)..... 3.00

Life Membership ..... 100.00

Non-residents may use the Library for one month on payment of fifty cents.

A member may introduce a friend (not a resident of the city), who will be allowed the use of the Library rooms for one month.

#### LIBRARY RULES

Members may take out four books at a time and extra books on payment of five cents each.

New fiction may be kept one week only. Other books may be kept two weeks and the time may be extended for two weeks longer by giving notice at the Library desk, or by mail or telephone (Garfield 1750). A charge of two cents a day will be made on books kept over time.

Members' requests for books to be purchased will receive careful consideration.



## PRESIDENT'S REPORT

San Francisco, March 5, 1931.

*To the Members of the Mechanics' Institute.*

With the present year the Mechanics' Institute completes the seventy-sixth anniversary of its existence. It has gone through a long period of extreme usefulness, particularly in its early history, which has raised it to the rank of one of the institutions of learning in California.

During the past year the trustees appointed a committee to find a suitable way of commemorating the seventy-fifth anniversary of the birth of the Institute. This committee consisted of the following trustees: Joseph M. Cumming, Charles D. Steiger and Constant Meese, and of the following members: Bruce Cornwall and David Duncan. The Secretary of the Institute, Mr. John H. Wood, under the direction of the Committee, compiled the historic data at his disposal and put them into the shape of a well-written and interesting story which was published in pamphlet form, entitled: "Seventy-Five Years of History of the Mechanics' Institute of San Francisco." This fifty-page pamphlet, illustrated with fourteen pictures of the past and present, and enlarged with an addendum giving in chronological order the names of all those trustees who served the Institute from the year 1855 to date, was distributed to our membership as a gratuitous memento of the development of an organization which was established by the mechanics of San Francisco, who, after many stormy years of trials and tribulations gave rise to the successful results that are before you and in evidence now. The history of the Mechanics' Institute is one well worth reading.

The original purpose of the Mechanics' Institute was that of educating the growing youth of the community, to make our young men useful citizens, by teaching them the theories and mechanical principles that underlie the work of human arts and crafts, but the subsequent development of local high schools, polytechnic schools, colleges and universities in our State since then has created better facilities for systematized teaching on broader lines, and when this condition became apparent the Institute devoted itself to the promulgation of knowledge by providing prolific library resources, containing all the latest books on science, that is, more particularly science of the applied

type; mathematics, physics, astronomy; the works of fiction of famous writers of the past and present, compendiums of general knowledge; the philosophies of the past and history of the civilized world, and also the immortal classics which will never lose their value in the culture of mankind. Towards this aim the Institute is working now; to promote real culture, and to guide the thought of our people to that principle in life which is of far greater value than the mere creation of wealth. The best application of wealth is the promotion of cultural attainments.

One of the means of accomplishing this object in recent years, has been the introduction of fortnightly seasonal lecture courses. Speakers on interesting subjects are chosen from among those who have become eminent in their particular branch of knowledge. Nearly all of them are University professors who are able to present their subjects in a comprehensive manner, and in an up-to-date form. These lectures are well attended and have become very popular; the audience numbers from six hundred to eight hundred on a lecture evening. The following addresses have been delivered during the present season:

"The Green Pastures" (a reading), by Anthony Faulkner Blanks, M.A. Ph.D.; "The New Morality in Russia," by Alexander S. Kaun, Ph.D.; "The Revolution in India," by Lyman Bryson, A.M.; "China, the Sleeping Giant Awakes," by N. Wing Mah, B.B., A.M., Ph.D.; "A Musical Journey Through Spain," by Charles Emil Kany, Ph.D.; "The Accomplishments of the League of Nations," by Raymond G. Gettell, M.A.; "Historic Reminiscences of California Pioneers, with particular reference to the late General Mariano Guadalupe Vallejo," by Otto von Geldern, President of Mechanics' Institute; four more lectures are to follow, they are: "The Occidental and the Oriental Mind; Can They Meet?" by George Malcolm Stratton, Ph.D.; "Russia, Past and Present," by Robert J. Kerner, Ph.D.; "Literature in the Movies," by Dr. Willard M. Smith; "The Barretts of Wimpole Street" (a reading), by Mrs. Guy Stevens Farrington, A.B.

The library work has been continued satisfactorily. Extensive and expensive improvements have been made within the last two years, intended to add to the better comfort and accommodation of the reading public. These improvements are in evidence and need no further explanation, except to say this:



that there is much more light in the reading halls today than there has been, due to the re-coloring of the book stacks, which has made them less light-absorbing and very attractive. Huge book stacks of a dark color darken the room in which they are placed. The light cream-color adds cheerfulness and brightness. The illumination by electric ceiling lights and table lights has been greatly improved. A better ventilation has been brought about by mechanical contrivances which have proved successful. Other improvements are on the program which will be installed in time and as they become essential. As you all know, the times have not been propitious, and it has become necessary to be somewhat economical in our expenditures.

The financial status of the Mechanics' Institute at the present time is very satisfactory. Its properties consist of the par value of bonds now on hand to the amount of 509,650 dollars. In addition to this there are other securities in the shape of mortgages on San Francisco real estate to the value of 171,800 dollars. The cash in banks at the present time amounts to 92,850 dollars. The available total of these three items is 774,300 dollars. The Mechanics' Institute building as it stands today represents a cost value, in round numbers of 388,800 dollars. This, of course, does not include the value of the Post Street lot on which the building stands. It is somewhat difficult to make an estimate of the front-foot value of this piece of real estate. Anyone interested in individual items is referred to the detailed annual report of the Secretary.

The maintenance of the Library has cost, during the last year, in round numbers, a sum of 74,400 dollars; this includes the purchase of new books. The receipts were about the same as last year, 24,840 dollars; this gives us an excess cash expenditure of 49,500 dollars, in round numbers.

The Secretary's cash report for this year shows a more favorable condition than that of 1930. This is due, however, to the fact that a sum of 16,000 dollars was paid last year for the extensive improvements made in the library facilities, and also in structural improvements in the building itself, while the amount which has been expended for this purpose during this year has been a little over 6000 dollars only.

The money expended in the purchase of books, periodicals and binding since the year 1906, the year of the great fire, amounts to a sum of 290,870 dollars; this total in 1930 was

275,000, so that this year's purchase of reading matter and binding has cost the Institute, in round numbers, 15,900 dollars. The average book-purchase and book-maintenance for one year is, therefore, about 17,600 dollars, or at the average rate of about 1470 dollars a month.

The membership of the library on March 1, 1931, was 4546; on March 1, 1930, it was 4425, showing a gain of 121. Your president deems it expedient to repeat again what he stated last year at the annual meeting, that a more direct effort should be made to increase the membership. The reason therefor is evident, and it is this: that the present facilities of the Institute could accommodate about twice as many members as it has now with comparatively little additional expense. I mean by this admonition, that every member should make it his duty to induce others to join. We offer them more for the monthly dues of fifty cents than does any similar organization.

The Librarian reports that 238,000 books have been circulated during the year; an increase of 29,400 over last year's circulation. This is accounted for by a change made in the rule governing the withdrawal of books permitting members to take out four books at a time instead of two as heretofore. The present monthly circulation average is 19,830 books. The number of books listed on March 1, 1931, 114,350 in round numbers.

During the past year, prior to March 1, 1931, the Institute lost three of its well known members who had held positions on the Board of Trustees:

Samuel C. Irving, a trustee from 1900 to 1903, and President of the Institute during year 1901, was killed in an automobile accident on December 2, 1930. He had been the President of the Paraffine Paint Company, the Mayor of the City of Berkeley and a man of importance in our Bay Community.

On August 3, 1930, our fellow trustee and genial colleague, Edward H. Benjamin died in a Santa Rosa Hospital. He had been in failing health for some time. He was appointed a trustee in November, 1922, and served as second Vice-President from March, 1929, to the day of his death. Trustee Joseph M. Cummin was elected to the office which became vacant by the death of our friend Benjamin.

Another death occurred on February 21, 1931, which was that of Marsden Manson, a prominent civil engineer of Cali-



fornia. He held a trusteeship in the Mechanics' Institute from 1892 to 1895, and occupied the position of Vice-President in 1893. He was the Corresponding Secretary in 1892 and 1895.

The last election has resulted in placing the following members into office: there were re-elected, Lewis F. Byington, Joseph D. Hodgen, William Penn Humphreys, Doctor Arthur W. Scott, H. L. Slosson, Jr., Charles D. Steiger and Otto von Geldern.

The year just ended has been one of arduous work with the aim of accomplishing a set policy of future development. The economic conditions of the last two years have not been propitious for consummating any change in the present business policy of the Institute. It appears to be more reasonable and rational to remain somewhat cautious in the development of future projects, until the general affairs of the business world have become more stabilized than they are today. That the Institute will progress and grow with the growth of San Francisco goes without saying. It has been made the policy of the Institute's stewardship, that the trustees be fully aware of coming events and conditions; that they work out plans not only for the necessities of the present, but that they bear in mind also the demands of the future.

Your President begs to thank his fellow trustees for their loyalty and readiness to render services when called upon to do so. Harmony has prevailed and there has been no friction. Likewise does he beg to express his appreciation for the services performed by the Secretary, Mr. John H. Wood; by the Librarian, Mr. Francis B. Graves, and by the staff of collaborators who work with them and under their instruction in the management of our public building and in the handling of the library.

OTTO VON GELDERN, President.

## SECRETARY'S REPORT

For the Year Ending February 28, 1931.

San Francisco, March 5, 1931.

To the Board of Trustees of the Mechanics' Institute,  
San Francisco.

Gentlemen:—

I have the honor to present herewith financial statement of the Mechanics' Institute for the year ending February 28, 1931:

March 1, 1930, Cash on deposit in various banks.....\$ 57,811.64  
Cash in contingent funds..... 450.00

Total Cash .....\$ 58,261.64

### RECEIPTS

Mechanics' Institute Building—rent collections  
from March 1, 1930, to February 28, 1931.\$ 63,979.85

Interest, Ernest N. Atkins Memorial Fund.... 30.00

Interest, James Lick Fund..... 600.00

Interest, Commercial and Savings Account.... 2,550.46

Interest, Mortgage Receivable Accounts .... 9,085.63

Interest, Bonds ..... 25,743.77

Tax Judgment ..... 141.94

Library and General Administration:

Dues .....\$ 21,469.50

Entrance Fees ..... 800.00

Life Membership ..... 100.00

Books Paid For..... 115.31

Fines and Extra Books..... 2,261.78

Sundry ..... 90.55

24,837.14

Received from Investments Accounts:

Bonds Matured .....\$ 20,650.00

Paid on Mortgages Account.... 61,400.00

82,050.00

Total Cash received..... 209,018.79

\$267,280.43

### EXPENDITURES

Mechanics' Institute Building—operating expenses from March 1, 1930, to February 28, 1931:

Pay Roll .....\$ 15,545.60

Taxes ..... 9,292.71

Insurance ..... 1,751.67

Heat ..... 734.74

Light and Power ..... 2,748.98

Water ..... 264.22

Window Cleaning ..... 420.00

Supplies ..... 528.81



Repairs .....	578.76	
General Expense .....	1,134.25	
	<u>\$ 32,999.74</u>	
Library and General Administration:		
Books, Binding and Periodicals.	\$ 17,666.44	
Furniture and Equipment.....	467.19	
General Expense .....	4,279.72	
Insurance .....	867.70	
Legal Expense .....	250.00	
Lectures .....	822.28	
Printing and Stationery.....	371.80	
Salaries .....	30,216.40	
Supplies .....	300.45	
Taxes .....	54.54	
Monthly Bulletin .....	330.00	
Rent of Library Rooms.....	18,720.00	
	<u>74,346.52</u>	
Pension Account .....	1,057.80	
	<u>\$108,404.06</u>	
Investments Account:		
Mortgage Loan .....	\$ 60,000.00	
Post Street Building—Cost Account.....	6,025.00	
	<u>\$ 66,025.00</u>	
	<u>\$174,429.06</u>	
Total Cash paid out.....		
Cash on hand in various banks, Feb. 28, 1931..	\$ 92,401.37	
Cash on hand in contingent funds.....	450.00	
	<u>\$ 92,851.37</u>	
	<u>\$267,280.43</u>	

## SUMMARY.

Cash on hand, March 1, 1930.....	\$ 58,261.64
Total Receipts .....	\$126,968.79
Total Expense .....	<u>108,404.06</u>
Excess Receipts .....	18,564.73
Received from Investments Accounts.....	<u>82,050.00</u>
	<u>\$158,876.37</u>

## DISTRIBUTION.

Cash in various banks, Feb. 28, 1931.....	\$ 92,401.37
Cash in contingent funds .....	<u>450.00</u>
Total Cash .....	\$ 92,851.37
Investments made from surplus.....	60,000.00
Post Street Building—Cost Account.....	<u>6,025.00</u>
	<u>\$158,876.37</u>

The net amount expended since April 18, 1906, on Books, Binding of New Books, and Periodicals has been.... 290,870.27  
 The amount paid out for construction, equipment, etc., of the Post Street Building has been..... 388,836.81

Insurance is carried as follows:

Books .....	\$100,000.00
Furniture .....	7,500.00
Post Street Building.....	<u>286,500.00</u>

The Resources of the Mechanics' Institute are as follows:

Post Street lot covered by Mechanics' Institute Building.  
 First Mortgages for \$171,800.00 on San Francisco Real Estate.  
 Bonds to the par value of \$509,651.40, as follows:

\$213,000.00	San Francisco, Cal., City Hall 5%.
10,900.00	San Francisco, Cal., Municipal Railway 5%.
5,000.00	San Francisco, Cal., Water 4½%.
3,000.00	San Francisco, Cal., Fire Protection 5%.
29,000.00	San Francisco, Cal., Golden Gate Park 3½%.
200.00	San Francisco, Cal., Library 3½%.
1,000.00	San Francisco, Cal., Playground 3½%.
3,000.00	San Francisco, Cal., School 4½%.
5,000.00	San Francisco, Cal., School 5%.
5,000.00	Albany, Cal., Municipal Improvement 5%.
1,357.50	Berkeley, Cal., Municipal Improvement 4½%.
5,000.00	Berkeley, Cal., School District 5%.
1,875.00	Chico, Cal., Municipal Improvement 5%.
3,000.00	Cloverdale, Cal., Municipal Improvement 5%.
10,000.00	East Bay Municipal Utilities 5%.
2,000.00	Exeter, Cal., Union High School District 5%.
2,000.00	Gilroy, Cal., School District 5%.
2,000.00	Grass Valley, Cal., High School District 6%.
2,000.00	Hanford, Cal., Municipal Improvement 5%.
7,500.00	Livermore, Cal., Municipal Improvement 5%.
10,000.00	Marin Municipal Water District 5%.
1,000.00	Merced Union High School 6%.
4,393.90	Monterey, Cal., Municipal Improvement 5%.
700.00	Nevada City, Cal., Sewer 6%.
7,000.00	Oakland, Cal., School District 5%.
2,500.00	Oakland, Cal., Municipal Improvement 5½%.
2,000.00	Oroville, Cal., Levee 5%.
500.00	Oxnard, Cal., Water 5%.
5,000.00	Petaluma, Cal., City High School 6%.
3,000.00	Pittsburg, Cal., Municipal Improvement 5%.
4,000.00	Placerville, Cal., Municipal Improvement 5%.
1,000.00	Placerville, Cal., Municipal Street Work 5%.
5,000.00	Placerville, Cal., School District 5%.
4,000.00	Richmond, Cal., Municipal Harbor Improvement 6%.
1,000.00	Richmond, Cal., School District 4½%.
5,000.00	Richmond, Cal., School District 5½%.
2,000.00	Sacramento, Cal., Filtration 5%.



7,000.00	Sacramento, Cal., New Levee 4½%.
5,000.00	Sacramento, Cal., School District 4½%.
5,000.00	Sacramento, Cal., High School District 4½%.
4,000.00	Salinas, Cal., Union High School District 5%.
5,000.00	San Jose, Cal., Municipal Improvement 5%.
1,000.00	San Luis Obispo, Cal., Municipal Improvement 5%.
15,000.00	San Luis Obispo, Cal., School District 6%.
1,000.00	San Mateo, Cal., Union High School 6%.
5,000.00	Santa Barbara, Cal., Municipal Improvement 5%.
1,125.00	Santa Barbara, Cal., School District 4½%.
1,000.00	Santa Maria, Cal., Union High School District 6%.
10,000.00	Santa Rosa, Cal., Union High School District 5%.
1,000.00	Sequoia, Cal., Union High School District 6%.
10,000.00	Stockton, Cal., School District 5%.
2,600.00	Visalia, Cal., Municipal Improvement 6%.
5,000.00	Washington, Cal., Union High School District 5%.
1,000.00	Williams, Cal., Municipal Improvement 5½%.
25,000.00	Butte County, Cal., Highway 5%.
1,000.00	Contra Costa County, Cal., 5%.
15,000.00	Fresno County, Cal., 5%.
5,000.00	Merced County, Cal., 5%.
2,000.00	San Mateo County, Cal., Highway 5%.
7,000.00	Sonoma County, Cal., 5%.
5,000.00	California State University Building 4½%.
Cash on hand, March 1, 1931, \$92,851.37.	
Books, Furniture and Equipment of the Library.	

Respectfully submitted,

JOHN H. WOOD, Secretary.

## LIBRARIAN'S REPORT

San Francisco, March 5, 1931.

To the President and Board of Trustees, Mechanics' Institute.

Gentlemen:

I herewith submit the seventy-sixth annual Report of the Library for the year ending February 28, 1931. The past year has been one of progress in all lines of library activity. More new members were added than in the past year and fewer names were withdrawn. The number of volumes added has been greater than for several years. Due to the rule adopted in October, 1929, permitting members to take out four books at a time, the circulation of books exceeded the preceding year by 29,422 volumes.

The files of the annual publications of associations and institutions representing practically all of the applied sciences are kept up to date. Some year books and directories are renewed annually; others, used less frequently, are purchased at regular intervals of from two to three years.

Some very valuable continuations are in process of publication. The library has ordered the following interesting sets: "The encyclopaedia of social sciences," "International critical tables," "Dictionary of American biography," "National cyclopaedia of American biography," "Comprehensive treatise on inorganic and theoretical chemistry" and "Meyers Lexicon."

Our bulletin, containing a list of books added, is issued ten times during the year. It is an outgrowth of our Annual Booklist, which was published from 1914 to 1929. Other libraries had established the practice of a monthly publication, so the public was already educated to the need of a more frequent list. This has been a very successful improvement. The members not only use these bulletins but make very favorable comments about them.

Membership		
March 1, 1930.....		4,425
Added .....	791	
Reinstated .....	11	802
		<hr/>
		5,227
Withdrawn—Life (deceased) .....	26	
Subscribing .....	655	681
		<hr/>
Membership, February 28, 1931.....		4,546
During the year sixteen subscribing members who had paid continuously for thirty years were granted life memberships. The membership is divided as follows:		
Honorary .....	2	
Life .....	666	
Subscribing .....	3,878	
		<hr/>
		4,546



**Book Accessions**

Number of volumes listed March 1, 1930.....	108,697
Added by purchase.....	5,007
Added by binding.....	494
Added by gift.....	1,030 6,531
Less lost and paid for.....	48
Lost by cancelled memberships.....	60
Less discarded and donated to institutions....	773 881
Net gain .....	5,650

Number of volumes listed February 28, 1931.. 114,347

**Binding**

1,677 volumes were rebound at the bindery and 3,461 volumes were repaired in the library.

**Gifts**

3,200 unbound items, consisting of pamphlets and serial publications, were presented to the library.

**Accessions by Classes**

	Purchased	Cost	Bound	Cost	Gifts	Total
General Works ....	48	\$ 224.41	86	\$ 189.10	83	217
Philosophy .....	114	277.58	6	12.00	12	132
Religion .....	47	105.84	2	4.00	19	68
Sociology .....	288	986.11	46	106.45	161	495
Philology .....	1	1.48	..	..	12	13
Science .....	122	414.16	74	162.45	28	224
Useful Arts .....	235	934.72	194	455.00	85	514
Fine Arts .....	178	573.45	65	168.25	40	283
Literature .....	318	617.60	3	6.20	194	515
Foreign Literature .	24	29.60	..	..	129	153
Travel .....	218	731.29	7	15.10	63	288
Biography .....	481	1,539.55	..	..	8	489
History .....	176	643.14	11	22.60	143	330
Fiction and						
Children's Books .	2,757	4,417.99	..	..	53	2,810
Total .....	5,007	\$11,496.92	494	\$1,141.15	1,030	6,531

**Circulation**

There were issued for home use 237,974 volumes, an average monthly circulation of 19,831 volumes.

**Table of Circulation Statistics**

General Works .....	435	Foreign Literature .....	1,107
Philosophy .....	4,421	Foreign Fiction .....	1,294
Religion .....	1,780	Travel .....	9,382
Sociology .....	4,932	Biography .....	12,591
Philology .....	98	History .....	6,388
Science .....	4,191	Fiction .....	159,654
Useful Arts .....	7,533	Children's Books .....	1,093
Fine Arts .....	6,417	Periodicals .....	3,791
Literature .....	12,867		
			237,974

Fiction .....	159,654	volumes,	67.08	per cent
Children's Books .....	1,093	"	.46	" "
Non-fiction .....	77,327	"	32.46	" "

Respectfully submitted,

FRANCIS B. GRAVES, Librarian.

**APPENDIX**

Year Ending Feb. 28	Membership Life and Honorary	Total	Volumes in Library	Circulation
1931 .....	3,878	666	4,546	114,347
1930 .....	3,748	677	4,425	208,552
1929 .....	3,657	679	4,336	103,123
1928 .....	3,789	703	4,492	98,195
1927 .....	4,032	702	4,734	102,056
1926 .....	4,030	690	4,723	98,696
1925 .....	4,170	690	4,860	94,992
1924 .....	4,356	652	5,008	91,433
1923 .....	4,317	657	4,974	87,855
1922 .....	4,160	646	4,806	84,056
1921 .....	3,842	650	4,492	80,776
1920 .....	3,408	649	4,057	77,140
1919 .....	2,994	653	3,647	73,128
1918 .....	3,135	590	3,725	70,055
1917 .....	3,144	598	3,742	65,875
1916 .....	2,982	617	3,599	63,672
1915 .....	2,862	626	3,488	56,740
1914 .....	2,709	632	3,341	50,776
1913 .....	2,855	643	3,498	44,527
1912 .....	2,660	644	3,304	39,266
1911 .....	2,385	651	3,036	35,392
1910 .....	1,717	645	2,362	32,186
1909 .....	2,034	646	2,680	28,324
1908 .....	2,120	643	2,763	24,179
1907 .....	2,726	651	3,377	17,850
April 18, 1906...	...	...	4,150	.....

**MECHANICS' INSTITUTE PUBLICATIONS****In Print**

Annual Reports, 1907 to date.

List of books on architecture. August, 1913.

List of books on building and building materials. December, 1913.

List of books on electrical engineering. June, 1916.

List of books on petroleum. January, 1917.

List of books on aeronautics and military and naval engineering. January, 1918.

List of books added, 1914 to date.



Francis B. Grant, Librarian  
 Report of the Librarian  
 for the year 1914

APPENDIX

Year	Membership	Volume in	Gifts
1914	1,130	11,111	2,222
1913	1,130	10,997	2,222
1912	1,130	10,883	2,222
1911	1,130	10,769	2,222
1910	1,130	10,655	2,222
1909	1,130	10,541	2,222
1908	1,130	10,427	2,222
1907	1,130	10,313	2,222
1906	1,130	10,199	2,222
1905	1,130	10,085	2,222
1904	1,130	9,971	2,222
1903	1,130	9,857	2,222
1902	1,130	9,743	2,222
1901	1,130	9,629	2,222
1900	1,130	9,515	2,222
1899	1,130	9,401	2,222
1898	1,130	9,287	2,222
1897	1,130	9,173	2,222
1896	1,130	9,059	2,222
1895	1,130	8,945	2,222
1894	1,130	8,831	2,222
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1850	1,130	3,815	2,222
1849	1,130	3,701	2,222
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1842	1,130	2,903	2,222
1841	1,130	2,789	2,222
1840	1,130	2,675	2,222
1839	1,130	2,561	2,222
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